## **AUTHOR INDEX TO VOLUME 35, NUMBER 3,4**

Ado, K., see T. Asai	35 (1989) 319
Aniya, M. and M. Kobayashi, Collective modes in a fast ion conductor superlattice	35 (1989) 427
Arai, H., see T. Inoue	35 (1989) 285
Arashi, H., S. Shin, H. Miura, A. Nakashima, M. Ishigame and O. Shimomura, Investigations of valence change of Tb ions in ZrO <sub>2</sub> -Tb <sub>4</sub> O <sub>7</sub> mixed conductor using XANES	
measurements	35 (1989) 323
Asai, T., see Y. Saito	35 (1989) 241
Asai, T., K. Ado, Y. Saito, H. Kageyama and O. Nakamura, Mixed conductivity of Na <sub>1+4x</sub> M <sub>x</sub> <sup>II</sup> Fe <sub>2x</sub> <sup>III</sup> Zr <sub>2-3x</sub> P <sub>3</sub> O <sub>12</sub> , M <sup>II</sup> : Fe <sup>2+</sup> , Co <sup>2+</sup> and Ni <sup>2+</sup>	35 (1989) 319
Eguchi, K., see T. Inoue	35 (1989) 285
Esaka, T., see W.J. Zheng	35 (1989) 235
Fuchida, R., see N. Machida	35 (1989) 295
Fujiki, Y., see Y. Michiue	35 (1989) 223
Fujiki, Y., see M. Watanabe	35 (1989) 369
Fujiki, Y., see S. Yoshikado	35 (1989) 377
Fujiki, Y., see Y. Onoda	35 (1989) 387
Fujitsu, S., see H. Takayama	35 (1989) 411
Fukunaga, O., see H. Ikawa	35 (1989) 217
Hoshi, T., see A. Yamashita	35 (1989) 397
Ikawa, H., K. Shima, T. Taniguchi, K. Urabe, O. Fukunaga and J. Mizusaki, Conductivity measurements of β"-alumina type NH <sub>4</sub> *-gallate by dc four-terminal method	35 (1989) 217
Imai, S., T. Ohachi and I. Taniguchi, Coulometric titration curves of α-Ag <sub>2</sub> Se containing	33 (1989) 217
Ag atom traps	35 (1989) 343
Inoue, H., see K. Sakurai	35 (1989) 405
Inoue, T., T. Setoguchi, K. Eguchi and H. Arai, Study of a solid oxide fuel cell with a ceria-	33 (1969) 403
based solid electrolyte	35 (1989) 285
Ishida, M., see N. Nakagawa	35 (1989) 249
Ishigame, M., see S. Muto	35 (1989) 307
Ishigame, M., see H. Arashi	35 (1989) 323
Ito, S., see K. Uchinokura	35 (1989) 207
Iwahara, H., see H. Uchida	35 (1989) 229
Iwahara, H., see W.J. Zheng	35 (1989) 235
Kageyama, H., see T. Asai	35 (1989) 319
Kanashiro, T., see Y. Michihiro	35 (1989) 337
Kanazawa, T., see K. Yamashita	35 (1989) 299
Kanazawa, T., see H. Owada	35 (1989) 401

Kaneko, H., A. Nagai and H. Taimatsu, ac polarization phenomena of the YSZ/Rh and	
YSZ/Pd electrode systems	35 (1989) 257
Kawamura, J. and Y. Oyama, Microwave conductivity of $(AgI)_{1-x}$ - $(Ag_2MoO_4)_x$ ( $x=0.25$ ,	33 (1767) 237
0.3, 0.35) glasses	35 (1989) 311
Kobayashi, M., see F. Tachibana	35 (1989) 349
Kobayashi, M., see T. Tomari	35 (1989) 355
Kobayashi, M., see M. Aniya	35 (1989) 427
Kobayashi, M., see T. Tomoyose	35 (1989) 431
Kojima, A., see Y. Michihiro	35 (1989) 337
Kuroda, C., see N. Nakagawa	35 (1989) 249
Kushida, T., see M. Nagai	35 (1989) 213
Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into	
V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides	35 (1989) 295
Michihiro, Y., A. Ohtani, T. Ohno, T. Kanashiro and A. Kojima, ac conductivity of the	
ionic conductor Ag <sub>3</sub> SI	35 (1989) 337
Michiue, Y., M. Watanabe and Y. Fujiki, Structural properties of Na-β"-gallate	35 (1989) 223
Minami, T., see N. Machida	35 (1989) 295
Miura, H., see H. Arashi	35 (1989) 323
Mizusaki, J., see H. Ikawa	35 (1989) 217
Mizusaki, J., see K. Tsuneyoshi	35 (1989) 263
Mori, K., see K. Tsuneyoshi	35 (1989) 263
Muto, S., T. Suemoto and M. Ishigame, Raman scattering of the superionic conducting glasses in the system AgI-Ag <sub>2</sub> O-MoO <sub>3</sub>	35 (1989) 307
gaste in the cycles age and y	00 (1707) 00.
Nagai, A., see H. Kaneko	35 (1989) 257
Nagai, M., T. Kushida and T. Nishino, Fabrication and evaluation of porous β/β"-Al <sub>2</sub> O <sub>3</sub>	,
ceramics prepared by the sol-gel process	35 (1989) 213
Nagai, M., see H. Owada	35 (1989) 401
Nagamoto, H., see K. Sakurai	35 (1989) 405
Naito, K., see T. Tsuji	35 (1989) 331
Nakagawa, N., H. Yoshioka, C. Kuroda and M. Ishida, Electrode performance of a thin-	
film YSZ cell set on a porous ceramic substrate by rf sputtering technique	35 (1989) 249
Nakamura, O., see Y. Saito	35 (1989) 241
Nakamura, O., see T. Asai	35 (1989) 319
Nakashima, A., see H. Arashi	35 (1989) 323
Nariki, S., see K. Uchinokura	35 (1989) 207
Nishino, T., see M. Nagai	35 (1989) 213
Nojiri, T., see K. Yamashita	35 (1989) 299
Ogumi, Z., see Y. Uchimoto	35 (1989) 417
Ohachi, T., see S. Imai	35 (1989) 343
Ohachi, T., see M. Watanabe	35 (1989) 369
Ohachi, T., see S. Yoshikado	35 (1989) 377
Ohachi, T., see Y. Onoda	35 (1989) 387
Ohno, T., see Y. Michihiro	35 (1989) 337
Ohtani, A., see Y. Michihiro	35 (1989) 337

Ohtsuka, H. and J. Yamaki, Electrical characteristics of Li <sub>2</sub> O-V <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> thin	films 35 (1989) 201
Okazaki, H., see F. Tachibana	35 (1989) 349
Okazaki, H., see T. Tomari	35 (1989) 355
Okuyama, R., see W.J. Zheng	35 (1989) 235
Onoda, Y., see S. Yoshikado	35 (1989) 377
Onoda, Y., M. Watanabe, Y. Fujiki, S. Yoshikado, T. Ohachi and I. Taniguchi, N	
of one-dimensional ionic conductor $A_xGa_8Ga_{8+x}Ti_{16-x}O_{56}$ (A=Cs, Rb)	35 (1989) 387
Owada, H., K. Yamashita, T. Umegaki, T. Kanazawa and M. Nagai, Humidity-	-sensitivity
of yttrium substituted apatite ceramics	35 (1989) 401
Oyama, Y., see J. Kawamura	35 (1989) 311
Saito, M., H. Takahashi and S. Tamaki, Phase diagram and thermodynamic pr	roperties of
$(Ag_xCu_{1-x})Br$	35 (1989) 359
Saito, Y., T. Asai, O. Nakamura and Y. Yamamoto, Ionic conductivity enhan	
Na <sub>4</sub> Zr <sub>2</sub> Si <sub>3</sub> O <sub>12</sub> by dispersed solid superacid SO <sub>4</sub> <sup>2-</sup> /ZrO <sub>2</sub>	35 (1989) 241
Saito, Y., see T. Asai	35 (1989) 319
Sakurai, K., H. Nagamoto and H. Inoue, Microstructure of Pt electrodes over	solid-elec-
trolyte and its effects on interfacial impedance	35 (1989) 405
Sawata, A., see K. Tsuneyoshi	35 (1989) 263
Sekido, S., see A. Yamashita	35 (1989) 397
Setoguchi, T., see T. Inoue	35 (1989) 285
Shima, K., see H. Ikawa	35 (1989) 217
Shimomura, O., see H. Arashi	35 (1989) 323
Shin, S., see H. Arashi	35 (1989) 323
Sōmiya, S., see Y. Yokogawa	35 (1989) 275
Suemoto, T., see S. Muto	35 (1989) 307
Sugiyama, K., see Y. Suzuki	35 (1989) 269
Suzuki, Y. and K. Sugiyama, Electrical conduction behavior and phase transiti	on of CaO-
stabilized ZrO <sub>2</sub>	35 (1989) 269
Tachibana, F., M. Kobayashi and H. Okazaki, Correlation factor of silver ion	in α-Ag-Te
by molecular dynamics method	35 (1989) 349
Tagawa, H., see K. Tsuneyoshi	35 (1989) 263
Taimatsu, H., see H. Kaneko	35 (1989) 257
Takahashi, H., see M. Saito	35 (1989) 359
Takayama, H., S. Fujitsu and H. Yanagida, Gas-sensitive Ag ion conduction i	
ducting ZnO thin films	35 (1989) 411
Takeda, T., see A. Yamashita	35 (1989) 397
Takehara, Z., see Y. Uchimoto	35 (1989) 417
Tamaki, S., see M. Saito	35 (1989) 359
Taniguchi, I., see S. Imai	35 (1989) 343
Taniguchi, I., see S. Yoshikado	35 (1989) 377
Taniguchi, I., see Y. Onoda	35 (1989) 387
Taniguchi, T., see H. Ikawa	35 (1989) 217
Tomari, T., M. Kobayashi and H. Okazaki, Caterpillar motion of silver ions i	in α-Ag <sub>2</sub> Te 35 (1989) 355
Tomoyose, T., K. Yonashiro and M. Kobayashi, Collective excitations in layer	ered super-
ionia anndustan	26 (1000) 421
ionic conductors	35 (1989) 431

Tsuji, T., H. Tsuchiya and K. Naito, Diffusion broadening of the Mössbauer line of $Fe_{1-x}S$ Tsuneyoshi, K., K. Mori, A. Sawata, J. Mizusaki and H. Tagawa, Kinetic studies on the	35 (1989) 331
reaction at the La <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> /YSZ interface, as an SOFC air electrode	35 (1989) 263
Uchida, H., H. Yoshikawa and H. Iwahara, Dissolution of water vapor(or hydrogen) and	
proton conduction in SrCeO <sub>3</sub> -based oxides at high temperature	35 (1989) 229
Uchimoto, Y., Z. Ogumi and Z. Takehara, Ionically conductive thin polymer films pre- pared by plasma polymerization. Part 6. Plasma parameter-dependent characteristics	
of solid polymer electrolytes composed of plasma polymerized tris(2-methoxy-	26 (1000) 417
ethoxy)vinylsilane-lithium perchlorate hybrids	35 (1989) 417
Uchinokura, K., S. Nariki, S. Ito and N. Yoneda, Thermal decomposition process and electrical conductivity of single crystals of NH <sub>4</sub> <sup>+</sup> -β- and β"-ferrites	35 (1989) 207
Umegaki, T., see K. Yamashita	35 (1989) 207 35 (1989) 299
Umegaki, T., see H. Owada	35 (1989) 401
Urabe, K., see H. Ikawa	35 (1989) 217
Olade, R., See H. Ikawa	33 (1969) 217
Watanabe, A., Phase stability of Bi <sub>0.765</sub> Sr <sub>0.235</sub> O <sub>1.383</sub> -type bismuth mixed oxides with hex-	
agonal symmetry	35 (1989) 281
Watanabe, M., see Y. Michiue	35 (1989) 223
Watanabe, M., Y. Fujiki, S. Yoshikado and T. Ohachi, Structural features of a new com-	
pound $K_{1-x}Ti_{2+x}Ga_{5-x}O_{12}$ which exhibits one dimensional ionic conduction	35 (1989) 369
Watanabe, M., see S. Yoshikado	35 (1989) 377
Watanabe, M., see Y. Onoda	35 (1989) 387
Yamaki, J., see H. Ohtsuka	35 (1989) 201
Yamamoto, Y., see Y. Saito	35 (1989) 241
Yamashita, A., S. Sekido, T. Hoshi and T. Takeda, Solid state photorechargeable cells us-	
ing a complex electrode consisting of semiconductor and Chevrel compounds	35 (1989) 397
Yamashita, K., T. Nojiri, T. Umegaki and T. Kanazawa, New fast sodium-ion conducting glass-ceramics of silicophosphates: crystallization, microstructure and conduction	
properties	35 (1989) 299
Yamashita, K., see H. Owada	35 (1989) 401
Yanagida, H., see H. Takayama	35 (1989) 411
Yokogawa, Y., M. Yoshimura and S. Somiya, Lattice energy and polymorphism of fluor-	25 (1000) 275
ite-related rare earth-tantalum double oxides Yonashiro, K., see T. Tomoyose	35 (1989) 275
Yoneda, N., see K. Uchinokura	35 (1989) 431 35 (1989) 207
Yoshikado, S., see M. Watanabe	35 (1989) 369
	33 (1969) 309
Yoshikado, S., T. Ohachi, I. Taniguchi, M. Watanabe, Y. Fujiki and Y. Onoda, Ion conduction in one-dimensional ionic conductors $A_{1-x}Ti_{2+x}B_{5-x}O_{12}$ (ATBO, A=Na or K	
and $B=Al$ or $Ga, x<1$ )	35 (1989) 377
Yoshikado, S., see Y. Onoda	35 (1989) 387
Yoshikawa, H., see H. Uchida	35 (1989) 229
Yoshimura, M., see Y. Yokogawa	35 (1989) 275
Yoshioka, H., see N. Nakagawa	35 (1989) 249
Zheng, W.J., R. Okuyama, T. Esaka and H. Iwahara, Ionic conduction in the sintered ox-	
ides of the system Li <sub>2</sub> O-BaO-MO <sub>2</sub> (M=Ti, Sn, Zr)	35 (1989) 235

## **AUTHOR INDEX TO VOLUME 35**

Adelbert, P., F. Novel-Cattin, M. Pinéri, C. Doumain and R. Durand, Preparation and	
characterization of SPE composites for electrolyzers and fuel cells	35 (1989) 3
Ado, K., see T. Asai	35 (1989) 319
Ahmad, A., see J. Gulens	35 (1989) 45
Ahmad, A., see J.D. Canaday	35 (1989) 165
Alberti, G. and R. Palombari, All solid-state hydrogen sensors based on pellicular α-zir-	
conium phosphate as a protonic conductor	35 (1989) 153
Aniya, M. and M. Kobayashi, Collective modes in a fast ion conductor superlattice	35 (1989) 427
Arai, H., see T. Inoue	35 (1989) 285
Arashi, H., S. Shin, H. Miura, A. Nakashima, M. Ishigame and O. Shimomura, Investigations of valence change of Tb ions in ZrO <sub>2</sub> -Tb <sub>4</sub> O <sub>7</sub> mixed conductor using XANES	
measurements	35 (1989) 323
Asai, T., see Y. Saito	35 (1989) 241
Asai, T., K. Ado, Y. Saito, H. Kageyama and O. Nakamura, Mixed conductivity of	
$Na_{1+4x}M_x^{II}Fe_{2x}^{III}Zr_{2-3x}P_3O_{12}$ , $M^{II}$ : $Fe^{2+}$ , $Co^{2+}$ and $Ni^{2+}$	35 (1989) 319
Badot, J.C. and Ph. Colomban, RF-microwave dielectric relaxations and phase transitions	
in superionic acid sulphates (selenates)	35 (1989) 143
Baranowski, B., see M. Friesel	35 (1989) 85, 91
Barker, J., see R.C.T. Slade	35 (1989) 11
Bell, R.G., see M.T. Weller	35 (1989) 79
Besse, J.P., see A. de Roy	35 (1989) 35
Bhat, S.V., see G. Mangamma	35 (1989) 123
Bonanos, N., B. Ellis, K.S. Knight and M.N. Mahmood, Ionic conductivity of gadolinium-	
doped barium cerate perovskites	35 (1989) 179
Brown, S.H., see R. Frech	35 (1989) 127
Canaday, J.D., see J. Gulens	35 (1989) 45
Canaday, J.D., A.K. Kuriakose, T.A. Wheat, A. Ahmad, J. Gulens and B.W. Hildebrandt,	
Bonded solid protonic conductor/platinum electrochemical cells	35 (1989) 165
Casciola, M., see E. Skou	35 (1989) 59
Casciola, M., U. Costantino and M. Marmottini, Influence of the guest molecules on the protonic conduction of anhydrous intercalation compounds of $\alpha$ -zirconium hydrogen	
phosphate with diamines	35 (1989) 67
Colomban, Ph., see T. Mhiri	35 (1989) 99
Colomban, Ph., see J.C. Badot	35 (1989) 143
Costantino, U., see M. Casciola	35 (1989) 67
Cruege, F., see J.C. Lassegues	35 (1989) 17
Dekker, M., I. 't Zand, J. Schram and J. Schoonman, NH <sub>4</sub> Y and HY zeolites as electrolytes	
in hydrogen sensors	35 (1989) 157

Deniard, S., see E. Husson	35 (1989) 133
De Roy, A. and J.P. Besse, Conductivité ionique de composés de type hydrotalcite	35 (1989) 35
Desbat, B., see J.C. Lassegues	35 (1989) 17
Doremieux-Morin, C., see E. Husson	35 (1989) 133
Doumain, C., see P. Adelbert	35 (1989) 3
Durand, R., see P. Adelbert	35 (1989) 3
Durand-Le Floch, M., see E. Husson	35 (1989) 133
Eguchi, K., see T. Inoue	35 (1989) 285
Ellis, B., see N. Bonanos	35 (1989) 179
Esaka, T., see W.J. Zheng	35 (1989) 235
Frech, R. and S.H. Brown, Hydrazinium ion vibrational motion and proton transport in	
lithium hydrazinium sulfate	35 (1989) 127
Friesel, M., B. Baranowski and A. Lundén, Pressure dependence of the transition to the proton conducting phase of CsHSO <sub>4</sub> , CsHSeO <sub>4</sub> and RbHSeO <sub>4</sub> studied by differential	
scanning calorimetry	35 (1989) 85
Friesel, M., A. Lundén and B. Baranowski, Bulk phase transitions of cesium hydrogen sul-	
phate initiated by surface processes, grinding or external pressure	35 (1989) 91
Fuchida, R., see N. Machida	35 (1989) 295
Fujiki, Y., see Y. Michiue	35 (1989) 223
Fujiki, Y., see M. Watanabe	35 (1989) 369
Fujiki, Y., see S. Yoshikado	35 (1989) 377
Fujiki, Y., see Y. Onoda	35 (1989) 387
Fujitsu, S., see H. Takayama	35 (1989) 411
Fukunaga, O., see H. Ikawa	35 (1989) 217
Guerrini, F., see E. Skou	35 (1989) 59
Gulens, J., B.W. Hildebrandt, J.D. Canaday, A.K. Kuriakose, T.A. Wheat and A. Ahmad, Influence of water on the electrochemical response of a bonded NASICON protonic	
conductor	35 (1989) 45
Gulens, J., see J.D. Canaday	35 (1989) 165
Hall, G.P., see R.C.T. Slade	35 (1989) 29
Hildebrandt, B.W., see J. Gulens	35 (1989) 45
Hildebrandt, B.W., see J.D. Canaday	35 (1989) 165
Hoshi, T., see A. Yamashita	35 (1989) 397
Hudson, M.J., P. Sylvester and E. Rodrigues-Castellon, Intercalation of monomers into	
alpha-tin(IV) hydrogen phosphate and the effects of high pressures on intercalation Husson, E., M. Durand-Le Floch, C. Doremieux-Morin, S. Deniard and Y. Piffard, Spec-	35 (1989) 73
troscopic study of the phosphatoantimonic acids $H_nSb_nP_2O_{3n+5}\cdot xH_2O$ $(n=1, 3, 5)$	35 (1989) 133
Ikawa, H., K. Shima, T. Taniguchi, K. Urabe, O. Fukunaga and J. Mizusaki, Conductivity	
measurements of $\beta''$ -alumina type NH <sub>4</sub> <sup>+</sup> -gallate by dc four-terminal method Imai, S., T. Ohachi and I. Taniguchi, Coulometric titration curves of $\alpha$ -Ag <sub>2</sub> Se containing	35 (1989) 217
Ag atom traps	35 (1989) 343
Inoue, H., see K. Sakurai	35 (1989) 405
	35 (1,507) 403

based solid electrolyte   Shida, M., see N. Nakagawa   35 (1989) 249     Shigame, M., see S. Muto   35 (1989) 307     Shigame, M., see H. Arashi   35 (1989) 307     Shigame, M., see H. Uchida   35 (1989) 229     Iwahara, H., see W. Uchinokura   35 (1989) 229     Iwahara, H., see W. J. Zheng   35 (1989) 223     Jones, D.J. and J. Rozière, Layered proton conducting trivalent metal acid sulphates: intercalation reactions, characterisation by incoherent inelastic neutron scattering and EXAFS spectroscopies   35 (1989) 235     Kageyama, H., see T. Asai   35 (1989) 317     Kanashiro, T., see Y. Michihiro   35 (1989) 337     Kanazawa, T., see K. Yamashita   35 (1989) 337     Kanazawa, T., see K. Yamashita   35 (1989) 349     Kanazawa, T., see K. Yamashita   35 (1989) 401     Kanazawa, T., see K. Yamashita   35 (1989) 401     Kanazawa, T., see K. Owada   35 (1989) 401     Kanazawa, T., see K. Owada   35 (1989) 401     Kanazawa, T., see K. Omada   35 (1989) 317     Kanazawa, T., see K. Oramashita   35 (1989) 401     Kanazawa, T., see K. Oramashita   35 (1989) 401     Kanazawa, T., see K. Oramashita   35 (1989) 401     Kanazawa, T., see K. Oramashita   35 (1989) 317     Kanazawa, T., see K. Oramashita   35 (1989) 317     Kanazawa, T., see K. Oramashita   35 (1989) 317     Kageyama, H., see T. Tamashita   35 (1989) 317     Kageyama, H., see T. Tamashita   35 (1989) 318     Kobayashi, M., see T. Tomari   35 (1989) 319     Kobayashi, M., see T. Tomari   35 (1989) 319     Kobayashi, M., see T. Tomoyose   35 (1989) 319     Kobayashi, M., see T. Tomoyose   35 (1989) 319     Kophandersen, E., see N. Knudsen   35 (1989) 319     Krogh Andersen, E., see N. Knudsen   35 (1989) 319     Krogh Andersen, E., see N. Knudsen   35 (1989) 319     Krogh Andersen, I.G., see R. Skou   35 (1989) 319     Krogh Andersen, I.G., see E. Skou   35 (1989) 319     Krogh Andersen, I.G., see E. Skou   35 (1989) 319     Kuriakose, A.K., see J. Gulens   35 (1989) 319     Kuriakose, A.K., see J. D. Canaday   35 (1989) 249     Kuriakose, A.K., see J. D. Can	Inoue, T., T. Setoguchi, K. Eguchi and H. Arai, Study of a solid oxide fuel cell with a ceria-	
Ishigame, M., see S. Muto   35 (1989) 307	based solid electrolyte	35 (1989) 285
Ishigame, M., see H. Arashi Ito, S., see K. Uchinokura Ito, S., see K. Uchida Ito, S., see K. See K. Ito, S., s	Ishida, M., see N. Nakagawa	35 (1989) 249
Ito, S., see K. Uchinokura Iwhara, H., see H. Uchida Iwhara, H., see W.J. Zheng  Jones, D.J. and J. Rozière, Layered proton conducting trivalent metal acid sulphates: intercalation reactions, characterisation by incoherent inelastic neutron scattering and EXAFS spectroscopies  Kageyama, H., see T. Asai  Kageyama, H., see T. Asai  Kanazawa, T., see K. Yamashita  Kanazawa, T., see H. Owada  Kanazawa, T., see H. Owada  Kanazawa, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Knight, K.S., see N. Bonanos  Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Kobayashi, M., see F. Tachibana  Kobayashi, M., see T. Tomari  Kobayashi, M., see T. Tomori  Kobayashi, M., see T. Tomori  Kojima, A., see Y. Michihiro  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, I.G., see E. Skou  Stolyashi, M., see J.D. Canaday  Kuriakose, A.K., see J.D. Canaday  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid- state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into  V.O., glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mahmood, M.N., see N. Bonanos  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Ishigame, M., see S. Muto	35 (1989) 307
Iwahara, H., see H. Uchida Iwahara, H., see W.J. Zheng Jones, D.J. and J. Rozière, Layered proton conducting trivalent metal acid sulphates: intercalation reactions, characterisation by incoherent inelastic neutron scattering and EXAFS spectroscopies  Kageyama, H., see T. Asai Kanashiro, T., see Y. Michihiro Said (1989) 319 Kanazawa, T., see H. Owada Kaneko, H., a. Nagai ard H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses Knight, K.S., see N. Bonanos Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity Kobayashi, M., see F. Tachibana Kobayashi, M., see T. Tomari Sobayashi, M., see T. Tomari Sobayashi, M., see T. Tomoyose Kojayashi, M., see T. Tomoyose Kojayashi, M., see T. Tomoyose Korgh Andersen, E., see E. Knudsen Krogh Andersen, E., see E. Knudsen Krogh Andersen, I.G., see N. Knudsen Krogh Andersen, I.G., see N. Knudsen Krogh Andersen, I.G., see E. Skou Solyashi, M., see J. Gulens Krogh Andersen, I.G., see E. Skou Solyashi, M., see J. Gulens Krogh Andersen, I.G., see E. Skou Solyashi, M., see J. Gulens Krogh Andersen, I.G., see E. Skou Solyashi, M., see J. Canaday Kuriakose, A.K., see J. Gulens Kuriakose, A.K., see J. Canaday Kuriakose, A.K., see J. D. Canaday Kuriakose, A.K., see J. Gulens Kuriakose, A.K., see J. Gulens Kuriakose, A.K., see J. Canaday Kuriakose, A.K., see J. D. Canaday Kuriakose, A.K., see J. Gulens Kuriakose, A.K., see J. D. Canaday Kuriakose, A.K., see J. See E. Skou Solyashi, M., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes Josephanera, I.G., see N. Shanaso Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V.G. glasses containing transition-metal oxides Mahmood, M.N., see N. Bonanos	Ishigame, M., see H. Arashi	35 (1989) 323
Iwahara, H., see W.J. Zheng  Jones, D.J. and J. Rozière, Layered proton conducting trivalent metal acid sulphates: intercalation reactions, characterisation by incoherent inelastic neutron scattering and EXAFS spectroscopies  Kageyama, H., see T. Asai  Kanashiro, T., see Y. Michihiro  Kanazawa, T., see K. Yamashita  Kanazawa, T., see K. Yamashita  Kanazawa, T., see H. Owada  Kaneko, H., A. Nagai ard H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Kinght, K.S., see N. Bonanos  Kinght, K.S., see N. Bonanos  Kobayashi, M., see F. Tachibana  Kobayashi, M., see F. Tachibana  Kobayashi, M., see T. Tomari  Kobayashi, M., see T. Tomori  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Kojima, A., see Y. Michihiro  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, I.G., see R. Neudsen  Krogh Andersen, I.G., see R. Neudsen  Krogh Andersen, I.G., see R. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V.O. glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Sol (1989) 179  Machida, N., see N. Bonanos  Sol (1989) 179  Machida, N., see N. Bonanos  Sol (1989) 179	Ito, S., see K. Uchinokura	35 (1989) 207
Jones, D.J. and J. Rozière, Layered proton conducting trivalent metal acid sulphates: intercalation reactions, characterisation by incoherent inelastic neutron scattering and EXAFS spectroscopies    Kageyama, H., see T. Asai	Iwahara, H., see H. Uchida	35 (1989) 229
tercalation reactions, characterisation by incoherent inelastic neutron scattering and EXAFS spectroscopies  35 (1989) 115  Kageyama, H., see T. Asai  Kanashiro, T., see Y. Michihiro  Sa (1989) 319  Sanazawa, T., see K. Yamashita  Sanazawa, T., see H. Owada  Kaneko, H., A. Nagai and H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Si (1989) 257  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Kobayashi, M., see F. Tachibana  Kobayashi, M., see T. Tomari  So (1989) 35 (1989) 35 (1989) 35 (1989) 359  Kojima, A., see Y. Michihiro  So (1989) 35 (1989) 359  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see E. Skou  So (1989) 51  Krogh Andersen, I.G., see E. Skou  So (1989) 51  Krogh Andersen, I.G., see D. Gulens  Kuriakose, A.K., see J.D. Canaday  Kuriakose, A.K., see J.D. Canaday  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kuroda, C., see N. Friesel  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  So (1989) 179	Iwahara, H., see W.J. Zheng	35 (1989) 235
EXAFS spectroscopies 35 (1989) 115  Kageyama, H., see T. Asai 35 (1989) 319  Kanashiro, T., see Y. Michihiro 35 (1989) 337  Kanazawa, T., see K. Yamashita 35 (1989) 299  Kanazawa, T., see H. Owada 35 (1989) 299  Kanazawa, T., see H. Owada 35 (1989) 299  Kanazawa, T., see H. Owada 35 (1989) 401  Kaneko, H., A. Nagai ard H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems 35 (1989) 401  Kayamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Kanight, K.S., see N. Bonanos 35 (1989) 179  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity 35 (1989) 179  Kobayashi, M., see F. Tachibana 35 (1989) 51  Kobayashi, M., see T. Tomari 35 (1989) 355  Kobayashi, M., see T. Tomori 35 (1989) 355  Kobayashi, M., see T. Tomoyose 35 (1989) 427  Kobayashi, M., see T. Tomoyose 35 (1989) 437  Krogh Andersen, E., see N. Knudsen 35 (1989) 37  Krogh Andersen, E., see E. Skou 35 (1989) 51  Krogh Andersen, I.G., see N. Knudsen 35 (1989) 51  Krogh Andersen, I.G., see N. Knudsen 35 (1989) 59  Krogh Andersen, I.G., see E. Skou 35 (1989) 59  Kuriakose, A.K., see J. Gulens 35 (1989) 45  Kuriakose, A.K., see J. Gulens 35 (1989) 45  Kuriakose, A.K., see J. Gulens 35 (1989) 249  Kushida, T., see M. Nagai 35 (1989) 249  Kushida, T., see M. Nagai 35 (1989) 249  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides 35 (1989) 179  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
Kageyama, H., see T. Asai  Kanashiro, T., see Y. Michihiro  Kanazawa, T., see Y. Michihiro  Kanazawa, T., see H. Owada  Kaneko, H., A. Nagai and H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Kinight, K.S., see N. Bonanos  Kinight, K.S., see N. Bonanos  Kinight, K.S., see N. Bonanos  Konudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Kobayashi, M., see F. Tachibana  So (1989) 355  Kobayashi, M., see T. Tomari  So (1989) 355  Kobayashi, M., see T. Tomoyose  So (1989) 337  Kopid Andersen, E., see N. Knudsen  So (1989) 337  Krogh Andersen, E., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see E. Skou  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  So (1989) 59		** *****
Kanashiro, T., see Y. Michihiro Kanazawa, T., see K. Yamashita Kanazawa, T., see K. Yamashita Kanazawa, T., see H. Owada Kaneko, H., A. Nagai ard H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Si (1989) 257  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Si (1989) 311  Si (1989) 311  Si (1989) 179  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity Sobayashi, M., see T. Tomari  Si (1989) 35  Kobayashi, M., see T. Tomari  Si (1989) 35  Kobayashi, M., see T. Tomari  Si (1989) 35  Kobayashi, M., see T. Tomori  Si (1989) 35  Kobayashi, M., see T. Michihiro  Si (1989) 431  Kojima, A., see Y. Michihiro  Si (1989) 431  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, I.G., see E. Skou  Si (1989) 51  Krogh Andersen, I.G., see E. Skou  Si (1989) 51  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Si (1989) 55  Kuriakose, A.K., see J. Gulens  Si (1989) 45  Kuriakose, A.K., see J. D. Canaday  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid- state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid- state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into  V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  35 (1989) 295  36 (1989) 179  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	EXAFS spectroscopies	35 (1989) 115
Kanazawa, T., see K. Yamashita  Kanazawa, T., see H. Owada  Kaneko, H., A. Nagai ard H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems  Solution of the YSZ/Rh and YSZ/Pd electrode systems  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Knight, K.S., see N. Bonanos  Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Solution of the YSZ/Rh and Solution of the Protonic conductor of the Protonic	Kageyama, H., see T. Asai	35 (1989) 319
Kanazawa, T., see H. Owada Kaneko, H., A. Nagai ard H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Kobayashi, M., see F. Tachibana  Kobayashi, M., see F. Tomari  Kobayashi, M., see T. Tomari  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Kojima, A., see Y. Michihiro  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see S. Kou  Sturiakose, A.K., see J.D. Canaday  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>3</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Kanashiro, T., see Y. Michihiro	35 (1989) 337
Kaneko, H., A. Nagai and H. Taimatsu, ac polarization phenomena of the YSZ/Rh and YSZ/Pd electrode systems  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Knight, K.S., see N. Bonanos  Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Stobayashi, M., see F. Tachibana  Kobayashi, M., see T. Tomari  Stobayashi, M., see T. Tomori  Stobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see Y. Michihiro  Stoph Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  Stoph Andersen, I.G., see E. Skou  Stoph Andersen, I.G., see E. Skou  Stoph Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see J. Gulens  Krogh Andersen, I.G., see J. Gulens  Krogh Andersen, I.G., see J. Gulens  Sturiakose, A.K., see J. D. Canaday  Kuriakose, A.K., see J. D. Canaday  Stoph		35 (1989) 299
YSZ/Pd electrode systems  Kawamura, J. and Y. Oyama, Microwave conductivity of (AgI) <sub>1-x</sub> -(Ag <sub>2</sub> MoO <sub>4</sub> ) <sub>x</sub> (x=0.25, 0.3, 0.35) glasses  Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Kobayashi, M., see F. Tachibana  Kobayashi, M., see F. Tomari  Kobayashi, M., see T. Tomari  Sol (1989) 355  Kobayashi, M., see T. Tomorose  Kobayashi, M., see T. Tomoyose  Sol (1989) 355  Kojima, A., see Y. Michihiro  Sol (1989) 357  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see S. Skou  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Sol (1989) 51  Krogh Andersen, I.G., see J. Gulens  Kuriakose, A.K., see J. Gulens  Sol (1989) 45  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Sol (1989) 45  Kuroda, C., see N. Nakagawa  Sol (1989) 213  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Kanazawa, T., see H. Owada	35 (1989) 401
Kawamura, J. and Y. Oyama, Microwave conductivity of $(AgI)_{1-x}$ - $(Ag_2MoO_4)_x$ ( $x$ =0.25, 0.3, 0.35) glasses  Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Syntheses and ionic conductivity  Sobayashi, M., see F. Tachibana  Kobayashi, M., see F. Tomari  Sobayashi, M., see M. Aniya  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see Y. Michihiro  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  Solima, A., see Y. Michihiro  Solima, A., see J. Gulens  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Solimashi, M., see J. Gulens  Kuriakose, A.K., see J. Gulens  Suriakose, A.K., see J. D. Canaday  Kuriakose, A.K., see J. D. Canaday  Kuriakose, A.K., see J. O. Canaday  Kuriakose, A.K., see J. Canaday  Solipsey 165  Kuroda, C., see N. Nakagawa  Solipsey 165  Solip	Kaneko, H., A. Nagai and H. Taimatsu, ac polarization phenomena of the YSZ/Rh and	
0.3, 0.35) glasses  Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Sobayashi, M., see F. Tachibana  Kobayashi, M., see T. Tomari  Sobayashi, M., see M. Aniya  Kobayashi, M., see M. Aniya  Kobayashi, M., see Y. Michihiro  Sobayashi,	YSZ/Pd electrode systems	35 (1989) 257
Knight, K.S., see N. Bonanos  Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Kobayashi, M., see F. Tachibana  Kobayashi, M., see T. Tomari  Sobayashi, M., see M. Aniya  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Sobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Sobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Sobayashi, M., see N. Knudsen  Sobayashi, M., see N. Sobayashi, M. see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., see N. Bonanos  Sobayashi, M., see N. Sobayashi, M., se		
Knudsen, N., E. Krogh Andersen, I.G. Krogh Andersen and E. Skou, Tin-mordenites, syntheses and ionic conductivity  Kobayashi, M., see F. Tachibana  Kobayashi, M., see T. Tomari  Sobayashi, M., see T. Tomari  Sobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Kobayashi, M., see T. Tomoyose  Solipsey 355  Kobayashi, M., see T. Tomoyose  Solipsey 357  Krogh Andersen, E., see N. Knudsen  Solipsey 357  Krogh Andersen, E., see N. Knudsen  Solipsey 357  Krogh Andersen, I.G., see N. Knudsen  Solipsey 358  Krogh Andersen, I.G., see E. Skou  Solipsey 359  Krogh Andersen, I.G., see E. Skou  Solipsey 359  Kuriakose, A.K., see J. Gulens  Solipsey 359  Kuriakose, A.K., see J. Canaday  Solipsey 359  Kuriakose, A.K., see J. D. Canaday  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
Syntheses and ionic conductivity   35 (1989) 51		35 (1989) 179
Kobayashi, M., see F. Tachibana       35 (1989) 349         Kobayashi, M., see T. Tomari       35 (1989) 355         Kobayashi, M., see M. Aniya       35 (1989) 427         Kobayashi, M., see T. Tomoyose       35 (1989) 431         Kojima, A., see Y. Michihiro       35 (1989) 337         Krogh Andersen, E., see N. Knudsen       35 (1989) 51         Krogh Andersen, E., see E. Skou       35 (1989) 59         Krogh Andersen, I.G., see N. Knudsen       35 (1989) 59         Kuriakose, A.K., see J. Gulens       35 (1989) 59         Kuriakose, A.K., see J. Gulens       35 (1989) 45         Kuroda, C., see N. Nakagawa       35 (1989) 165         Kuroda, C., see N. Nakagawa       35 (1989) 249         Kushida, T., see M. Nagai       35 (1989) 249         Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes       35 (1989) 213         Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides       35 (1989) 295         Mahmood, M.N., see N. Bonanos       35 (1989) 179         Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
Kobayashi, M., see T. Tomari  Kobayashi, M., see M. Aniya  So (1989) 355  Kobayashi, M., see M. Aniya  So (1989) 427  Kobayashi, M., see T. Tomoyose  So (1989) 431  Kojima, A., see Y. Michihiro  So (1989) 337  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  So (1989) 51  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see E. Skou  So (1989) 59  Kuriakose, A.K., see J. Gulens  So (1989) 45  Kuriakose, A.K., see J. D. Canaday  Kuroda, C., see N. Nakagawa  So (1989) 249  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into $V_2O_5$ glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
Kobayashi, M., see M. Aniya  Kobayashi, M., see T. Tomoyose  Kojima, A., see Y. Michihiro  So (1989) 431  Kojima, A., see Y. Michihiro  So (1989) 337  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  Strogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  So (1989) 59  Krogh Andersen, I.G., see E. Skou  Strogh Andersen, I.G., see E. Skou  So (1989) 51  Krogh Andersen, I.G., see E. Skou  Sturiakose, A.K., see J. Gulens  Sturiakose, A.K., see J. Gulens  Sturiakose, A.K., see J. D. Canaday  Kuriakose, A.K., see J.D. Canaday  Sturoda, C., see N. Nakagawa  So (1989) 165  Kuroda, C., see N. Nakagawa  So (1989) 249  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
Kobayashi, M., see T. Tomoyose  Kojima, A., see Y. Michihiro  So (1989) 337  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  Strogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Strogh Andersen, I.G., see E. Skou  Sturiakose, A.K., see J. Gulens  Sturiakose, A.K., see J. Gulens  Sturiakose, A.K., see J.D. Canaday  Sturiakose, A.K., see J.D. Canaday  Sturiakose, A.K., see M. Nagai  Sturiakose, A.K., see J.D. Canaday  Sturiakose, A.K., see J.D. Canaday  Sturiakose, A.K., see J.D. Canaday  Sturiakose, A.K., see J. Gulens  Sturiakose, A.K., s		
Kojima, A., see Y. Michihiro  Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  Krogh Andersen, I.G., see R. Knudsen  Krogh Andersen, I.G., see R. Knudsen  Krogh Andersen, I.G., see R. Knudsen  Krogh Andersen, I.G., see E. Skou  Krogh Andersen, I.G., see E. Skou  Kuriakose, A.K., see J. Gulens  Kuriakose, A.K., see J. Gulens  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
Krogh Andersen, E., see N. Knudsen  Krogh Andersen, E., see E. Skou  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see E. Skou  Sturiakose, A.K., see J. Gulens  Kuriakose, A.K., see J. Gulens  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
Krogh Andersen, E., see E. Skou  Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see E. Skou  Krogh Andersen, I.G., see E. Skou  Kuriakose, A.K., see J. Gulens  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Kojima, A., see Y. Michihiro	35 (1989) 337
Krogh Andersen, I.G., see N. Knudsen  Krogh Andersen, I.G., see E. Skou  Suriakose, A.K., see J. Gulens  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Krogh Andersen, E., see N. Knudsen	35 (1989) 51
Krogh Andersen, I.G., see E. Skou  Kuriakose, A.K., see J. Gulens  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Krogh Andersen, E., see E. Skou	35 (1989) 59
Kuriakose, A.K., see J. Gulens  Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Krogh Andersen, I.G., see N. Knudsen	35 (1989) 51
Kuriakose, A.K., see J.D. Canaday  Kuroda, C., see N. Nakagawa  Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Krogh Andersen, I.G., see E. Skou	35 (1989) 59
Kuroda, C., see N. Nakagawa Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Kuriakose, A.K., see J. Gulens	35 (1989) 45
Kushida, T., see M. Nagai  Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Kuriakose, A.K., see J.D. Canaday	35 (1989) 165
Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor	Kuroda, C., see N. Nakagawa	35 (1989) 249
state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor  35 (1989) 179	Kushida, T., see M. Nagai	35 (1989) 213
state protonic conductors to new polymer electrolytes  Lundén, A., see M. Friesel  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor  35 (1989) 179	Lassegues, J.C., B. Desbat, O. Trinquet, F. Cruege and C. Poinsignon, From model solid-	
Lundén, A., see M. Friesel 35 (1989) 85, 91  Machida, N., R. Fuchida and T. Minami, Electrochemical insertion of lithium ions into V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides 35 (1989) 295  Mahmood, M.N., see N. Bonanos 35 (1989) 179  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		35 (1989) 17
V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor  35 (1989) 295 35 (1989) 179		35 (1989) 85, 91
V <sub>2</sub> O <sub>5</sub> glasses containing transition-metal oxides  Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor  35 (1989) 295 35 (1989) 179	Machida N. D. Euskida and T. Minami. Floatenhanical investiga of lithium investigation	
Mahmood, M.N., see N. Bonanos  Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor  35 (1989) 179		25 (1080) 205
Mangamma, G. and S.V. Bhat, NMR studies of the protonic conductor		
		33 (1989) 1/9
		35 (1989) 123

Marmottini, M., see M. Casciola	35 (1989) 67
Mhiri, T. and Ph. Colomban, Spread of the conductivity jump in mixed alkali acid sul-	33 (1707) 07
phates Cs <sub>1-x</sub> HSO <sub>4</sub>	35 (1989) 99
Michihiro, Y., A. Ohtani, T. Ohno, T. Kanashiro and A. Kojima, ac conductivity of the	(,
ionic conductor Ag <sub>3</sub> SI	35 (1989) 337
Michiue, Y., M. Watanabe and Y. Fujiki, Structural properties of Na-β"-gallate	35 (1989) 223
Minami, T., see N. Machida	35 (1989) 295
Miura, H., see H. Arashi	35 (1989) 323
Mizusaki, J., see H. Ikawa	35 (1989) 217
Mizusaki, J., see K. Tsuneyoshi	35 (1989) 263
Mori, K., see K. Tsuneyoshi	35 (1989) 263
Muto, S., T. Suemoto and M. Ishigame, Raman scattering of the superionic conducting	
glasses in the system AgI-Ag <sub>2</sub> O-MoO <sub>3</sub>	35 (1989) 307
Nagai, A., see H. Kaneko	35 (1989) 257
Nagai, M., T. Kushida and T. Nishino, Fabrication and evaluation of porous β/β"-Al <sub>2</sub> O <sub>3</sub>	
ceramics prepared by the sol-gel process	35 (1989) 213
Nagai, M., see H. Owada	35 (1989) 401
Nagamoto, H., see K. Sakurai	35 (1989) 405
Naito, K., see T. Tsuji	35 (1989) 331
Nakagawa, N., H. Yoshioka, C. Kuroda and M. Ishida, Electrode performance of a thin-	
film YSZ cell set on a porous ceramic substrate by rf sputtering technique	35 (1989) 249
Nakamura, O., see Y. Saito	35 (1989) 241
Nakamura, O., see T. Asai	35 (1989) 319
Nakashima, A., see H. Arashi	35 (1989) 323
Nariki, S., see K. Uchinokura	35 (1989) 207
Nishino, T., see M. Nagai	35 (1989) 213
Nojiri, T., see K. Yamashita	35 (1989) 299
Novel-Cattin, F., see P. Aldebert	35 (1989) 3
Nowick, A.S., see T. Scherban	35 (1989) 189
Ogumi, Z., see Y. Uchimoto	35 (1989) 417
Ohachi, T., see S. Imai	35 (1989) 343
Ohachi, T., see M. Watanabe	35 (1989) 369
Ohachi, T., see S. Yoshikado	35 (1989) 377
Ohachi, T., see Y. Onoda	35 (1989) 387
Ohno, T., see Y. Michihiro	35 (1989) 337
Ohtani, A., see Y. Michihiro	35 (1989) 337
Ohtsuka, H. and J. Yamaki, Electrical characteristics of Li <sub>2</sub> O-V <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> thin films	35 (1989) 201
Okazaki, H., see F. Tachibana	35 (1989) 349
Okazaki, H., see T. Tomari	35 (1989) 355
Okuyama, R., see W.J. Zheng	35 (1989) 235
Onoda, Y., see S. Yoshikado	35 (1989) 377
Onoda, Y., M. Watanabe, Y. Fujiki, S. Yoshikado, T. Ohachi and I. Taniguchi, NMR study	
of one-dimensional ionic conductor $A_xGa_8Ga_{8+x}Ti_{16-x}O_{56}$ (A=Cs, Rb)	35 (1989) 387
Owada, H., K. Yamashita, T. Umegaki, T. Kanazawa and M. Nagai, Humidity-sensitivity	
of yttrium substituted apatite ceramics	35 (1989) 401

Oyama, Y., see J. Kawamura	35 (1989) 311
Palombari, R., see G. Alberti	35 (1989) 153
Piffard, Y., see E. Husson	35 (1989) 133
Pinéri, M., see P. Aldebert	35 (1989) 3
Poinsignon, C., see J.C. Lassegues	35 (1989) 17
Poinsignon, C., The use of quasielastic neutron scattering to study the mechanism of pro- ton transfer in fast solid protonic conductors	35 (1989) 107
Rodrigues-Castellon, E., see M.J. Hudson	35 (1989) 73
Rozière, J., see D.J. Jones	35 (1989) 115
Saito, M., H. Takahashi and S. Tamaki, Phase diagram and thermodynamic properties of	25 (1090) 250
(Ag,Cu <sub>1-x</sub> )Br Saito, Y., T. Asai, O. Nakamura and Y. Yamamoto, Ionic conductivity enhancement of	35 (1989) 359
Na <sub>4</sub> Zr <sub>2</sub> Si <sub>3</sub> O <sub>12</sub> by dispersed solid superacid SO <sub>2</sub> <sup>2</sup> /ZrO <sub>2</sub>	35 (1989) 241
Saito, Y., see T. Asai	35 (1989) 319
Sakurai, K., H. Nagamoto and H. Inoue, Microstructure of Pt electrodes over solid-elec-	33 (1969) 319
trolyte and its effects on interfacial impedance	35 (1989) 405
Sawata, A., see K. Tsuneyoshi	35 (1989) 263
Scherban, T. and A.S. Nowick, Bulk protonic conduction in Yb-doped SrCeO <sub>3</sub>	35 (1989) 189
Schoonman, J., see M. Dekker	35 (1989) 157
Schram, J., see M. Dekker	35 (1989) 157
Sekido, S., see A. Yamashita	35 (1989) 397
Setoguchi, T., see T. Inoue	35 (1989) 285
Shima, K., see H. Ikawa	35 (1989) 217
Shimomura, O., see H. Arashi	35 (1989) 323
Shin, S., see H. Arashi	35 (1989) 323
Skou, E., see R.C.T. Slade	35 (1989) 29
Skou, E., see N. Knudsen	35 (1989) 51
Skou, E., I.G. Krogh Andersen, E. Krogh Andersen, M. Casciola and F. Guerrini, ac and dc conductivity of polyhydrated monolithium and monosodium salt forms of α-zir-	
conium phosphate	35 (1989) 59
Slade, R.C.T., J. Barker and J.H. Strange, Protonic conduction and <sup>1</sup> H self-diffusion in	
NAFION film studied by ac conductivity and pulsed field gradient NMR techniques Slade, R.C.T., G.P. Hall and E. Skou, Ac and dc conductivity of crystalline pyrochlore an-	35 (1989) 11
timonic acid, Sb <sub>2</sub> O <sub>5</sub> ·nH <sub>2</sub> O	35 (1989) 29
Sōmiya, S., see Y. Yokogawa	35 (1989) 275
Strange, J.H., see R.C.T. Slade	35 (1989) 11
Suemoto, T., see S. Muto	35 (1989) 307
Sugiyama, K., see Y. Suzuki	35 (1989) 269
Suzuki, Y. and K. Sugiyama, Electrical conduction behavior and phase transition of CaO- stabilized ZrO <sub>2</sub>	35 (1989) 269
Sylvester, P., see M.J. Hudson	35 (1989) 73
Tachibana, F., M. Kobayashi and H. Okazaki, Correlation factor of silver ion in α-Ag <sub>2</sub> Te	
by molecular dynamics method	35 (1989) 349

Tagawa, H., see K. Tsuneyoshi	35 (1989) 263
Taimatsu, H., see H. Kaneko	35 (1989) 257
Takahashi, H., see M. Saito	35 (1989) 359
Takayama, H., S. Fujitsu and H. Yanagida, Gas-sensitive Ag ion conduction in semicon-	
ducting ZnO thin films	35 (1989) 411
Takeda, T., see A. Yamashita	35 (1989) 397
Takehara, Z., see Y. Uchimoto	35 (1989) 417
Tamaki, S., see M. Saito	35 (1989) 359
Taniguchi, I., see S. Imai	35 (1989) 343
Taniguchi, I., see S. Yoshikado	35 (1989) 377
Taniguchi, I., see Y. Onoda	35 (1989) 387
Taniguchi, T., see H. Ikawa	35 (1989) 217
Tomari, T., M. Kobayashi and H. Okazaki, Caterpillar motion of silver ions in α-Ag <sub>2</sub> Te	35 (1989) 355
Tomoyose, T., K. Yonashiro and M. Kobayashi, Collective excitations in layered super-	
ionic conductors	35 (1989) 431
Trinquet, O., see J.C. Lassegues	35 (1989) 17
Tsuchiya, H., see T. Tsuji	35 (1989) 331
Tsuji, T., H. Tsuchiya and K. Naito, Diffusion broadening of the Mössbauer line of Fe <sub>1-x</sub> S	35 (1989) 331
Tsuneyoshi, K., K. Mori, A. Sawata, J. Mizusaki and H. Tagawa, Kinetic studies on the	
reaction at the La <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> /YSZ interface, as an SOFC air electrode	35 (1989) 263
't Zand, I., see M. Dekker	35 (1989) 157
Uchida, H., H. Yoshikawa and H. Iwahara, Dissolution of water vapor(or hydrogen) and	
proton conduction in SrCeO <sub>3</sub> -based oxides at high temperature	35 (1989) 229
Uchimoto, Y., Z. Ogumi and Z. Takehara, Ionically conductive thin polymer films pre-	•
pared by plasma polymerization. Part 6. Plasma parameter-dependent characteristics	
of solid polymer electrolytes composed of plasma polymerized tris(2-methoxy-	
ethoxy)vinylsilane-lithium perchlorate hybrids	35 (1989) 417
Uchinokura, K., S. Nariki, S. Ito and N. Yoneda, Thermal decomposition process and	
electrical conductivity of single crystals of NH <sub>4</sub> <sup>+</sup> -β- and β"-ferrites	35 (1989) 207
Umegaki, T., see K. Yamashita	35 (1989) 299
Umegaki, T., see H. Owada	35 (1989) 401
Urabe, K., see H. Ikawa	35 (1989) 217
Watanabe, A., Phase stability of Bi <sub>0.765</sub> Sr <sub>0.235</sub> O <sub>1.383</sub> -type bismuth mixed oxides with hex-	
agonal symmetry	35 (1989) 281
Watanabe, M., see Y. Michiue	35 (1989) 223
Watanabe, M., Y. Fujiki, S. Yoshikado and T. Ohachi, Structural features of a new com-	33 (1909) 223
pound $K_{1-x}Ti_{2+x}Ga_{5-x}O_{12}$ which exhibits one dimensional ionic conduction	35 (1989) 369
Watanabe, M., see S. Yoshikado	35 (1989) 377
Watanabe, M., see Y. Onoda	35 (1989) 387
Weller, M.T. and R.G. Bell, Proton mobility and the structure of MoO <sub>2</sub> HPO <sub>4</sub> ·H <sub>2</sub> O	35 (1989) 79
Wheat, T.A., see J. Gulens	35 (1989) 45
Wheat, T.A., see J.D. Canaday	35 (1989) 165
ricus, r.r., see J.D. Canaday	33 (1767) 103
Yamaki, J., see H. Ohtsuka	35 (1989) 201
Yamamoto, Y., see Y. Saito	35 (1989) 241
Yamashita, A., S. Sekido, T. Hoshi and T. Takeda, Solid state photorechargeable cells us-	

ing a complex electrode consisting of semiconductor and Chevrel compounds	35 (1989) 397
Yamashita, K., T. Nojiri, T. Umegaki and T. Kanazawa, New fast sodium-ion conducting glass-ceramics of silicophosphates: crystallization, microstructure and conduction	
properties	35 (1989) 299
Yamashita, K., see H. Owada	35 (1989) 401
Yanagida, H., see H. Takayama	35 (1989) 411
Yokogawa, Y., M. Yoshimura and S. Somiya, Lattice energy and polymorphism of fluor-	
ite-related rare earth-tantalum double oxides	35 (1989) 275
Yonashiro, K., see T. Tomoyose	35 (1989) 431
Yoneda, N., see K. Uchinokura	35 (1989) 207
Yoshikado, S., see M. Watanabe	35 (1989) 369
Yoshikado, S., T. Ohachi, I. Taniguchi, M. Watanabe, Y. Fujiki and Y. Onoda, Ion con-	
duction in one-dimensional ionic conductors $A_{1-x}Ti_{2+x}B_{5-x}O_{12}(ATBO, A=Na \text{ or } K$	26 (1000) 227
and $B=Al$ or $Ga, x<1$ )	35 (1989) 377
Yoshikado, S., see Y. Onoda	35 (1989) 387
Yoshikawa, H., see H. Uchida	35 (1989) 229
Yoshimura, M., see Y. Yokogawa	35 (1989) 275
Yoshioka, H., see N. Nakagawa	35 (1989) 249
Zheng, W.J., R. Okuyama, T. Esaka and H. Iwahara, Ionic conduction in the sintered ox-	
ides of the system $Li_2O-BaO-MO_2$ (M=Ti, Sn, Zr)	35 (1989) 235



## SUBJECT INDEX TO VOLUME 35

Ac conductivity, 337, 377
Acid sulfate, 143
Acrylonitrile, 73
Alkaline-earth bismuth oxide, 281
Allylamine, 73
a-tin(IV) hydrogen phosphate, 73
Ammonium, 207
Ammonium ferrocyanide, 123
Anisotropic and anharmonic vibration, 359
Antimony oxide, 29
Apatite ceramics, 401
Atom trap, 343

β/β"-Al<sub>2</sub>O, 213 β-alumina, 207 β-ferrite, 207 β"-alumina, 217 hydrogen, 165

CaO-stabilized ZrO<sub>2</sub>, 269
Caterpillar mechanism, 355
Cation disorder model, 359
Ceramics, 213
Ceria-samaria system, 285
Cesium hydrogen sulfate, 91, 99
Chevrel compound, 397
Collective mode, 427
Collective motion, 431
Conduction plane, 223
Conductivity enhancement, 241
Cooperative jump, 355

Dc measurement, 217 Dielectric property, 311 Dielectric relaxation, 143 Diffusion, 331 Diffusion correlation factor, 349 DSC, 85, 99

Electrical conduction behavior, 269 Electronic conduction, 319 Electrode morphology, 249 Electrode process, 405 Electrode reaction, 257, 263 Electrolyser, 3 EXAFS, 115

Fluorite-related phase, 275 Fuel cell, 3, 165, 179 Gallo-titano gallate, 369, 387 Gas sensor, 411 Glass-ceramic, 299 Glass formation, 99 Grinding, 91

Hexamethylenetetramine, 73 High pressure, 73 Humidity influence, 213 sensitivity, 401 Hydration, 59 Hydrotalcite, 35 Hygroscopy, 281

Impedance spectra, 405 Intercalation, 67, 73, 115 Insertion, 295 Ionic conductivity, 35, 319 Iithium, 201, 235 oxygen, 179 potassium, 369 proton, 11, 17, 29, 45, 51, 59, 67, 79, 85, 107, 115, 123, 127, 143, 153, 157, 165, 189, 217, 229 silver, 411 sodium, 223, 299 Ion exchange, 51 Iron sulfide, 331

Lamellar compounds, 35 Lattice energy, 275 Layered structure, 281, 431 Lithium hydrazinium sulfate, 127 Lithium ion, 295 Low frequency relaxation, 337

Mössbauer diffusional line broadening, 331 Microwave conductivity, 311 Mixed conductor, 323 Molecular dynamics, 349 Molybdenum phosphate, 79 Monomers, 73 Mordenite, 51

Na-β"-gallate, 223 Nafion, 3, 11 NASICON, 45, 299 Neutron diffraction, 79 Neutron scattering, 107, 115 NMR, 11, 123, 133, 387 Noble metal electrode, 257

## One-dimensional ionic conductor, 377, 387

Perovskite, 179
Phase diagram, 359
Phase transition, 91, 269
Phosphate, 133
Photorechargeable cell, 397
Plasma polymerization, 417
Platinum electrode, 405
Polymer electrolytes, 17
Pressure, 85
Pyrochlore, 29

Raman scattering, 127, 307 Random barrier model, 377 Rare earth-tantalum double oxide, 275 Rietveld analysis, 79

Semiconductor material, 397 Sensor, 153, 157, 165 Sintered oxides, 235 Sodium yttrium silicophosphate, 299 Sodium zirconium phosphate, 319 Sodium zirconium silicate, 241 SOFC air electrode, 263 Sol-gel process, 213 Solid electrolyte, 229, 257 Solid electrolyte fuel cell, 249 Solid oxide fuel cell, 285 Solid polymer electrolyte, 417 Solid state battery, 201
Solid state cell, 397
Solid superacid dispersion, 241
Solvation complex, 67
Sputter-deposited thin film, 249
Strontium cerate, 189
Substitution, 401
Superionic conducting glass, 311
Superionic conductor, 355, 427, 431
Superionic glass, 307
Superlattice, 427
Surface modification, 73
Surface reaction, 91
Surface transport, 59

Thin film, 201, 417 Titration curve, 343 Tunnel structure, 369

Vanadium oxide glass, 295 Vibrational spectra, 133

**XANES, 323** 

Yttria-stabilized zirconia, 285

Zeolite, 157 Zinc oxide, 411 Zirconium phosphate, 59, 67, 153

